# ✅ HepaBot LLM - Setup Guide (for Windows)

## 1. Install Python

Install Python 3.9 or higher from https://www.python.org/downloads/

Ensure you check 'Add Python to PATH' during installation.

## 2. Install System Dependencies

✅ Visual C++ Build Tools:

- Download from: https://visualstudio.microsoft.com/visual-cpp-build-tools/

- Select 'Desktop development with C++' during installation.

✅ FFmpeg (for audio processing):

- Download: https://ffmpeg.org/download.html

- Extract and add ffmpeg/bin to your system PATH

- Or install using Chocolatey: choco install ffmpeg

## 3. Clone Project and Set Up Environment

git clone https://github.com/IqraMuzaffar/HepaBot-LLM

cd HepaBot-LLM

python -m venv venv

venv\Scripts\activate

## 4. Install Python Dependencies

pip install --upgrade pip

pip install -r requirements.txt

Example requirements.txt:

streamlit  
langchain  
langchain-ollama  
pymupdf  
faster-whisper  
tqdm  
pandas  
reportlab  
chromadb  
transformers  
torch

## 5. Set Up LLM with Ollama

Download Ollama: https://ollama.com/download

Pull the model: ollama pull llama3

If needed: ollama create llama3.2 -f <path-to-Modelfile>

## 6. Place Finetuned BioClinicalBERT Model

Put your model files in: models/finetuned\_clinicalbert/

Contents should include:

- config.json

- model.safetensors or pytorch\_model.bin

- tokenizer\_config.json

- vocab.txt

- special\_tokens\_map.json

## 7. Launch the App

streamlit run app/app.py

## ✅ You're now ready to use HepaBot LLM!